# 4X6 HDMI Switch/Splitter Extender over CAT.5e/6

# HD4600T

# User’s Manual

Version 1.0

## 1. Introduction

Thanks for purchasing the 4 x 6 HDMI Switch/Splitter Extender over CAT.5e/6.
Please read this Manual and retain it for reference in future if needed.

### 1.1 Features

Supports 1 source selected among 4 HDMI sources and the same source content can be done splitting displaying on remote all of 6 displays and even distributing with extending through Ethernet switch 10/100.

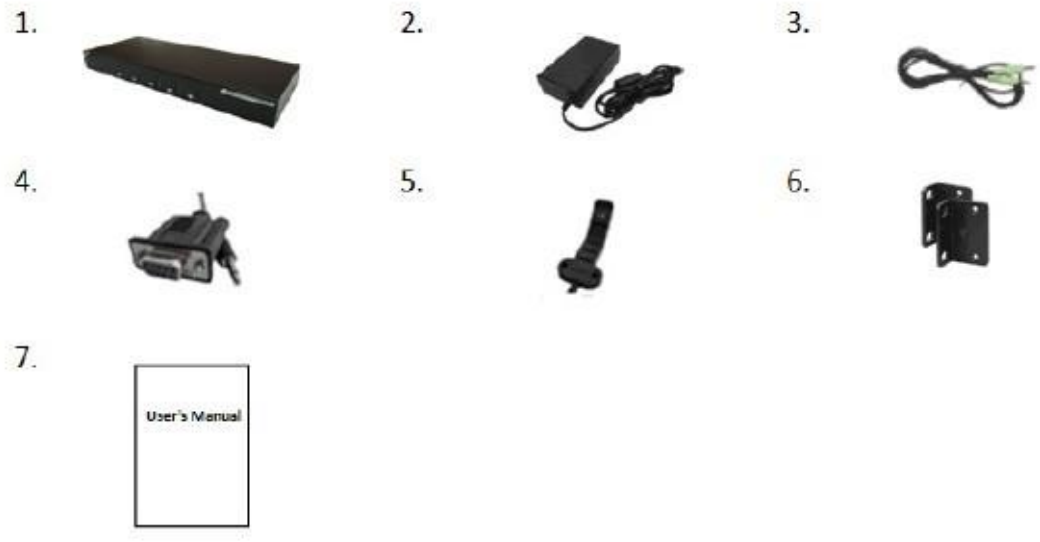
LED indicators monitor for connection status
Supports HDMI 1.3, HDCP compliant
Supports resolution up to Full HD 1080p, 1920 x 1080 @60Hz
Each corresponding extender receiver unit (remote) links cascade-chainable additional 2 receivers for expansion.
Extended distance over CAT. 5e/6 up to 100m (point-to-point)
HDMI sources selected by front buttons

**IR (Infrared Remote)**
Enabled for communication of between the correspondence of
switch (Emitter cable) and receiver unit (RX) – (Receiver cable)

**RS232** enabled for each communication of between the correspondence of switch and receiver unit (RX)

Supports local loop HDMI monitoring and Audio enabled

### 1.2 Package Contents

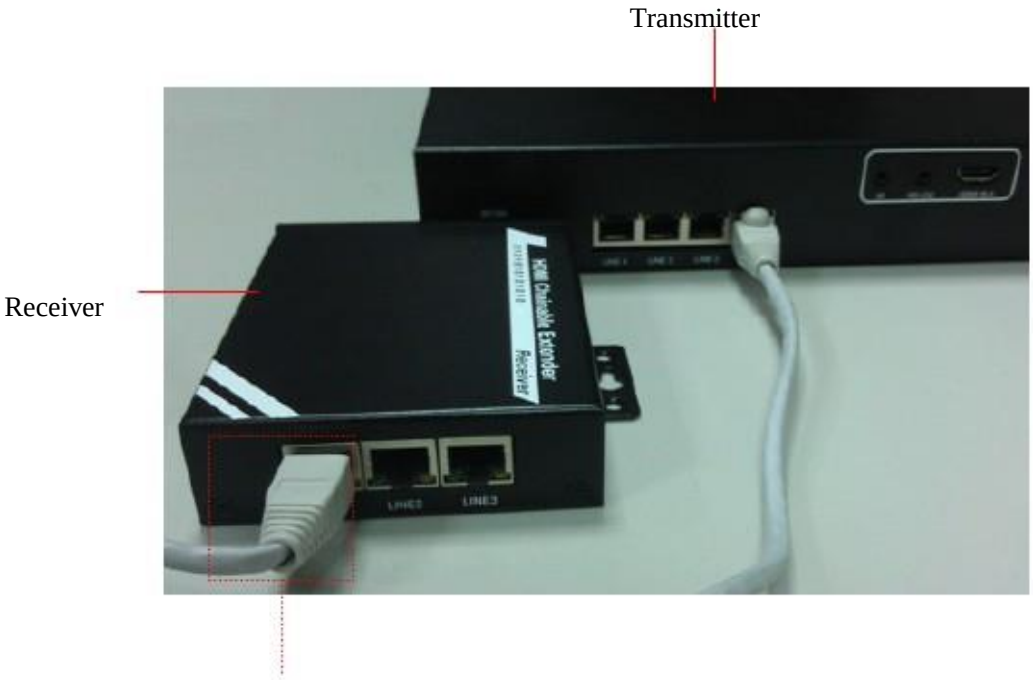



1. 4 x 6 HDMI Switch/Splitter Extender (TX) x 1
2. DC 5V / 2A Power Adapter x 1
3. Audio Cable 1.8m x 1
4. RS-232 Cable x 4
5. IR Emitter Cable x 4
6. Rack Mount Bracket x 2 (1 sets)
7. User's Manual x 1

## 2. Specifications

| | | 4 x 6 HDMI Switch/Splitter Extender (Transmitter) |
|---|---|---|
| Console Connectors | HDMI Output | 1 x HDMI (Female) |
| | RS-232Control Port | 4 x 3.5Ø jack |
| HDMI source | HDMI Input | 4 x HDMI (Female) |
| Extension Port | RJ-45 | Full HD 1080p Extension |
| RJ-45 | | 6 (Line Out) |
| Audio | | Supports Stereo Audio |
| IR | | Unidirectional 38KHz |
| LED Indicators | Power | Red LED |
| | Link | Green LED |
| | Selected HDMI source | Green LED for selected HDMI source |
| HDMI Source Select Button | | 5 |
| DDC Supported | | DDC, DDC2B |
| Extension Cable Type & Length | | CAT.5e / CAT.6 Max. Length: 100m (point-to-point) |
| Max. Video Resolution Supported | | Full HD 1080p, 1920 x 1080 @60Hz |
| Housing material | | Metal |
| Operating Temperature | | 32 - 122 F (0 - 50 C) |
| Power Supply | | External DC 5V / 2A Power Adapter |
| Dimension (L x W x H) | | 275 x 98 x 38 mm |
| Humidity | | 0% - 80% RH |

## 3. Connection between Switch Extender (Transmitter) and Receiver



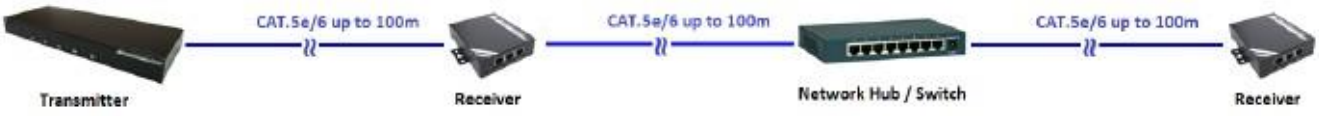

Choose one available RJ-45 port of the Extender Receiver (RX) connected with the Switch Extender (Transmitter) over CAT.5e or CAT.6 cable.

Remarks:

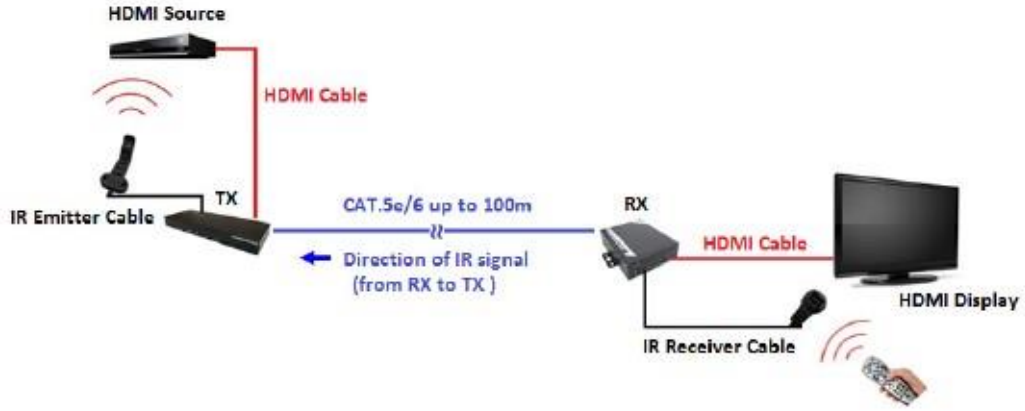
The Network Switch 10/100 enough could be transceiver for extending distance.
Please refer to the following connections:

(1). The Network Switch is linked between Switch Extender (Transmitter) and Receiver.

(2). The Network Switch is possibly connected between Receiver and Receiver.



## 4. IR Connection

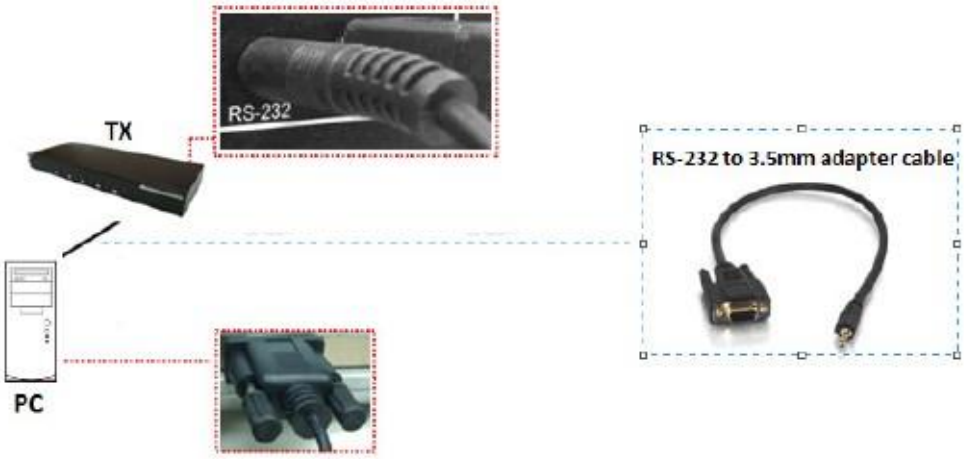



- Connect the IR Emitter Cable to TX's 3.5mm IR jack.

- Connect the IR Receiver Cable to RX's 3.5mm IR jack.

## 5. RS-232 Connection

Connect the RS-232 adapter cable to Switch Extender (Transmitter) RS-232 3.5mm jack, and another end of the cable is connected to the RS-232 port of PC.




Connect the RS-232 adapter cable to Extender Receiver (RX)'s RS-232 3.5mm jack, and another end of the cable is connected to the RS-232 port of the 3rd party's device.

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### FCC Statement

This device generates and uses radio frequency and may cause interference to radio and television reception if not installed and used properly. This has been tested and found to comply with the limits of a Class B computing device in accordance with the specifications in Part 15 of the FCC Rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by plugging the device in and out, the user can try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.
Increase the separation between the device and receiver.
Connect the computer into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

CE / FCC